

# ASEAN-U.S. Electric Vehicle Workshop on Technical Standards

**January 19-20, 2023, 8:30-11:00 AM (ICT) | January 18-19, 2023, 8:30-11:00 PM (EST)**

## AGENDA

Workshop Day 1 – January 19 ICT (January 18 EST)

TIME (ICT/GMT+7)	TOPICS
8:30 am	<p><b>Workshop Opening Remarks</b></p> <ul style="list-style-type: none"> <li>Mr. Heri Prabowo, Head of Safety Management Directorate of Road Transport Means, Ministry of Transportation of Indonesia</li> <li>Mr. Kevin Toohers, Country Manager, Indo-Pacific, U.S. Trade and Development Agency (USTDA)</li> </ul>
8:40 am	<p><b>Session 1: Standards for Common and Smart Charging Infrastructure</b></p> <ul style="list-style-type: none"> <li>Standards and interoperability and cost-effective connectivity among EVs and charging facilities</li> <li>Smart grid-enabled charging infrastructure empowered by digital solutions (e.g. cloud and big data)</li> <li>Charging facilities and standards for higher power and heavy-duty systems</li> </ul> <p><b>Moderator:</b> Mr. William Gouse, Global Ground Vehicle Standards, SAE International</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>Mr. Joe Bablo, Principal Engineering Manager – Energy Storage and E-mobility, UL Solutions</li> <li>Mr. Steve Griffith, Executive Director, Transportation Systems Division, National Electrical Manufacturers Association (NEMA)</li> <li>Mr. Theodore Bohn, Principal Electrical Engineer, Argonne National Laboratory</li> </ul>
9:50 am	<p><b>Session 2: U.S. and ASEAN EV Standardization Priorities and International Cooperation</b></p> <ul style="list-style-type: none"> <li>Introduction of the ANSI <i>Standardization Roadmap for EV</i> and the ongoing drafting progress for the latest version</li> </ul>

	<ul style="list-style-type: none"> <li>• Critical standards for EVs at scale and priorities under the codes and standards pillar of the U.S. Department of Energy (DOE)</li> <li>• Mass deployment of EVs and associated infrastructure in the U.S. with international cooperation and engagement</li> <li>• National EV standards development status, strategies, and other related priorities in ASEAN countries</li> </ul> <p><b>Moderator:</b> Ms. Estiara Ellizar, Transport Planner, Transport Policy Agency, Ministry of Transportation of Indonesia</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Mr. James McCabe, Senior Director, Standards Facilitation, American National Standards Institute (ANSI)</li> <li>• Mr. Theodore Bohn, Principal Electrical Engineer, Argonne National Laboratory</li> <li>• Mr. Bram Hertasning, Deputy Director for Urban Transport Policy, Center of Traffic &amp; Urban Transport Policy at Transportation Policy Agency, Ministry of Transportation of Indonesia</li> </ul>
10:55 am	<p><b>Day 1 Wrap-up Remarks</b></p> <ul style="list-style-type: none"> <li>• Mr. Kevin Toohers, Country Manager, Indo-Pacific, U.S. Trade and Development Agency (USTDA)</li> </ul>

**Workshop Day 2 – January 20 ICT (January 19 EST)**

TIME (ICT/GMT+7)	TOPICS
8:30 am	<p><b>Day 2 Opening Remarks</b></p> <ul style="list-style-type: none"> <li>• Mr. Kevin Toohers, Country Manager, Indo-Pacific, U.S. Trade and Development Agency (USTDA)</li> </ul>
8:35 am	<p><b>Session 3: EV Safety Standards and Development Trends in Global and Regional Contexts</b></p> <ul style="list-style-type: none"> <li>• Regulatory support and standardization for electric vehicles and bikes/scooters in the ASEAN countries</li> <li>• Overview of international technical standards for EV inspection and safety methods, and the work of the UNECE World Forum for Harmonization of Vehicle Regulations (WP.29)</li> <li>• Outlook for the future development trends and new technological innovation in the EV industry</li> </ul>

	<p><b>Moderator:</b> Mr. Andy Parris, Senior International Trade Specialist, International Trade Administration, U.S. Department of Commerce</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Ms. Stefanie Goodwin, Transportation Specialist, International Harmonization &amp; Policy Division, National Highway Traffic Safety Administration (NHTSA)</li> <li>• Mr. Dermot Heron, Consultant, American Automotive Policy Council (AAPC)</li> <li>• Ts. Mohd Sharulnizam Bin Sarip, Chief Technology Officer, Malaysia Automotive Robotics and IoT Institute (MARii)</li> </ul>
9:45 am	<p><b>Session 4: Developing Standards to Support the Full Life Cycle of EV Batteries</b></p> <ul style="list-style-type: none"> <li>• International standards and system requirements in the production, storage, packaging, transportation, recycling, and waste management of EV batteries</li> <li>• Private sector’s views on the need for EV standards and private sector’s role in recycling EV batteries</li> </ul> <p><b>Moderator:</b> Mr. Alloysius Joko Purwanto, Energy Economist, Economic Research Institute for ASEAN and East Asia (ERIA)</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Ms. LaTanya Schwalb, Principal Engineer, Energy &amp; Industrial Automation, UL Solutions</li> <li>• Mr. Edmund Araga, President, Asian Federation of Electric Vehicle Association (AFEVA)</li> </ul>
10:55 am	<p><b>Closing Remarks and Follow-up Actions</b></p> <ul style="list-style-type: none"> <li>• Mr. Beny Irzanto, Senior Officer at Transport Division, ASEAN Secretariat</li> <li>• Mr. Kevin Toohers, Country Manager, Indo-Pacific, U.S. Trade and Development Agency (USTDA)</li> </ul>